

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US94/13808	International filing date ( <i>day/month/year</i> ) 02 DECEMBER 1994	Priority date ( <i>day/month/year</i> ) 02 DECEMBER 1993
International Patent Classification (IPC) or national classification and IPC IPC(6): H04N 7/173, 7/16 and US Cl. 348/6, 8, 10, 12, 13; 455/ 3.1, 4.2, 5.1, 6.1:		
Applicant DISCOVERY COMMUNICATIONS, INC.		

<ol style="list-style-type: none"> <li>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</li> <li>2. This REPORT consists of a total of <u>5</u> sheets.  <input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).            These annexes consist of a total of <u>16</u> sheets.         </li> </ol>																								
<ol style="list-style-type: none"> <li>3. This report contains indications relating to the following items:           <table style="margin-left: 20px; border: none;"> <tr><td>I</td><td><input checked="" type="checkbox"/></td><td>Basis of the report</td></tr> <tr><td>II</td><td><input type="checkbox"/></td><td>Priority</td></tr> <tr><td>III</td><td><input type="checkbox"/></td><td>Non-establishment of report with regard to novelty, inventive step or industrial applicability</td></tr> <tr><td>IV</td><td><input checked="" type="checkbox"/></td><td>Lack of unity of invention</td></tr> <tr><td>V</td><td><input checked="" type="checkbox"/></td><td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td></tr> <tr><td>VI</td><td><input type="checkbox"/></td><td>Certain documents cited</td></tr> <tr><td>VII</td><td><input type="checkbox"/></td><td>Certain defects in the international application</td></tr> <tr><td>VIII</td><td><input type="checkbox"/></td><td>Certain observations on the international application</td></tr> </table> </li> </ol>	I	<input checked="" type="checkbox"/>	Basis of the report	II	<input type="checkbox"/>	Priority	III	<input type="checkbox"/>	Non-establishment of report with regard to novelty, inventive step or industrial applicability	IV	<input checked="" type="checkbox"/>	Lack of unity of invention	V	<input checked="" type="checkbox"/>	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	VI	<input type="checkbox"/>	Certain documents cited	VII	<input type="checkbox"/>	Certain defects in the international application	VIII	<input type="checkbox"/>	Certain observations on the international application
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Date of submission of the demand  19 JUNE 1995	Date of completion of this report  26 FEBRUARY 1996
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer CHRISTOPHER GRANT Telephone No. (703) 305-4755
Facsimile No. (703) 305-3230	

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US94/13808

## I. Basis of the report

1. This report has been drawn on the basis of *(Substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments):*

- ☐ the international application as originally filed.
- ☒ the description, pages (See Attached) , as originally filed.  
pages \_\_\_\_\_ , filed with the demand.  
pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.  
pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.
- ☒ the claims, Nos. (See Attached) , as originally filed.  
Nos. \_\_\_\_\_ , as amended under Article 19.  
Nos. \_\_\_\_\_ , filed with the demand.  
Nos. \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.  
Nos. \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.
- ☒ the drawings, sheets/fig (See Attached) , as originally filed.  
sheets/fig \_\_\_\_\_ , filed with the demand.  
sheets/fig \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.  
sheets/fig \_\_\_\_\_ , filed with the letter of \_\_\_\_\_.

2. The amendments have resulted in the cancellation of:

- ☒ the description, pages NONE.
- ☒ the claims, Nos. NONE.
- ☒ the drawings, sheets/fig NONE.

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the ~~Supplemental Box~~ Additional observations below (Rule 70.2(c)).

4. Additional observations, if necessary:

NONE

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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**IV. Lack of unity of invention**

1. In response to the invitation to restrict or pay additional fees the applicant has:

- ☐ restricted the claims.
- ☐ paid additional fees.
- ☐ paid additional fees under protest.
- ☐ neither restricted nor paid additional fees.

2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is

- ☐ complied with.
- ☒ not complied with for the following reasons:

As applicant was previously notified this International Preliminary Examining Authority has found plural inventions claimed in the International Application covered by the claims indicated below:

I. Claims 1-33, 50-51, 58-67 and 70 are drawn to a system for transmitting, receiving and selecting, classified in Class 348, subclass 6.

II. Claims 34-40 and 52-55 are drawn to an operation center, classified in Class 455, subclass 3.1.

III. Claims 41-49, 56, 57, 68 and 69 are drawn to a home subsystem, classified in Class 348, subclass 8.

and it considers that the International Application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated below:

The Three groups describe different apparatus which does not share the same special technical features. In particular, Group 1 is limited to the transmitting, receiving and selecting system, Group 11 is limited to the operations center and Group 111 describes the home subsystem. All three thus describe different devices.

4. Consequently, the following parts of the international application were the subject of international preliminary examination in establishing this report:

- ☒ all parts.
- ☐ the parts relating to claims Nos. .

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**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. STATEMENT**

Novelty (N)	Claims <u>1-70</u>	YES
	Claims <u>none</u>	NO
Inventive Step (IS)	Claims <u>1-70</u>	YES
	Claims <u>none</u>	NO
Industrial Applicability (IA)	Claims <u>1-70</u>	YES
	Claims <u>none</u>	NO

**2. CITATIONS AND EXPLANATIONS**

Claims 1-70 meet the criteria set forth in PCT Articles 33(2-4) because the prior art fails to disclose or suggest receiving subscriber entry indicating a title or a data receiver for receiving multiple text data signals wherein each text data signal carries text data for one or more titles as recited in the claims.

\_\_\_\_\_  
NEW CITATIONS

NONE

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

**I. BASIS OF REPORT:**

This report has been drawn on the basis of the description,  
pages, 1-38 , as originally filed.  
pages, NONE, filed with the demand.  
and additional amendments:  
NONE

This report has been drawn on the basis of the claims,  
numbers, NONE, as originally filed.  
numbers, NONE, as amended under Article 19.  
numbers, NONE, filed with the demand.  
and additional amendments:  
Claims 1-70, filed with letter of 16 January 1996

This report has been drawn on the basis of the drawings,  
sheets, 1-30 , as originally filed.  
sheets, NONE, filed with the demand.  
and additional amendments:  
NONE